

UREA GREASE COMPOSITION

A B S T R A C T

A urea grease composition is provided containing a lubricating base oil and from 2 to 30 wt.% of a thickening agent, with respect to the total weight of the urea grease composition and wherein said thickening agent  
5 is selected from:

- (1) a mixture of a compound (a) and a compound (b), containing compound (a) at 20 to 80 mol %, relative to the total amount of compound (a) and compound (b);
- 10 (2) a mixture formed by mixing with a compound (c) with a mixture (1); or
- (3) a compound (c) alone,

wherein the compounds are represented by the general formulae

- 15 (a)  $R_1\text{NHCONHR}_2\text{NHCONHR}_1$ ;
- (b)  $R_3\text{NHCONHR}_2\text{NHCONHR}_3$ ; and
- (c)  $R_1\text{NHCONHR}_2\text{NHCONHR}_3$ ,

and wherein  $R_2$  is a diphenylmethane group,  $R_1$  is a C6-10 saturated alkyl group and  $R_3$  is a C14-40 saturated and/or unsaturated alkyl group wherein unsaturated alkyl groups constitute at least 20 mol % of the  $R_3$  alkyl group.